

**ABSTRACT OF THE DISCLOSURE**

[0019] A vibration damper includes a damping element and a pneumatic spring, where the damping element has a container tube, a fastening part, and a piston rod, and where the pneumatic spring consists of a spring bellows acting as a roll bellows, an outer tube connected to the mass whose vibrations are to be minimized, and a roll-over tube carrying a roll-over profile. The spring bellows forms one boundary of an elastic space filled with a pressurized gas, whereas the roll-over tube seals off the gas space from the container tube and is attached thereto. A stamped and formed support ring, which supports the roll-over tube on the container tube and serves to suppress tilting movements, is installed between the container tube and the roll-over tube.